

**PUSH-BUTTON DE-LATCH MECHANISM
FOR PLUGGABLE ELECTRONIC MODULE**

ABSTRACT

5 A push-button style de-latch mechanism for an SFP MSA fiber optic transceiver
or other pluggable optoelectronic or electronic module. The mechanism is readily
accessible to an operator and does not require any tools to operate. The mechanism
uses translational motion of an actuator to de-latch the module from its receptacle.
The actuator is slidable from a first (inoperable) position in which the actuator extends
10 beyond the housing face for tool-free accessibility and operation, to a second position
for de-latching the module. The actuator includes a pair of outer legs, each defining a
wedge, and an inner leg positioned between the outer legs and having a barb for
retaining the actuator on the module. The inner leg deflects to allow the actuator to be
easily mounted/demounted from the module's housing for assembly/repair/replacement
15 purposes. Modules and module assemblies including such de-latch mechanisms are
also provided.

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